

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020283.D
 Acq On : 13 Nov 2024 15:15
 Operator : SY/MD
 Sample : P4810-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Nov 14 00:58:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.719	168	24523	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.615	114	40171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	19481	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	3557	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	8623	28.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	56.340%
35) Dibromofluoromethane	7.640	113	11499	45.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.040%
50) Toluene-d8	10.109	98	39586	38.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.880%
62) 4-Bromofluorobenzene	12.407	95	6201	18.779	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	37.560%

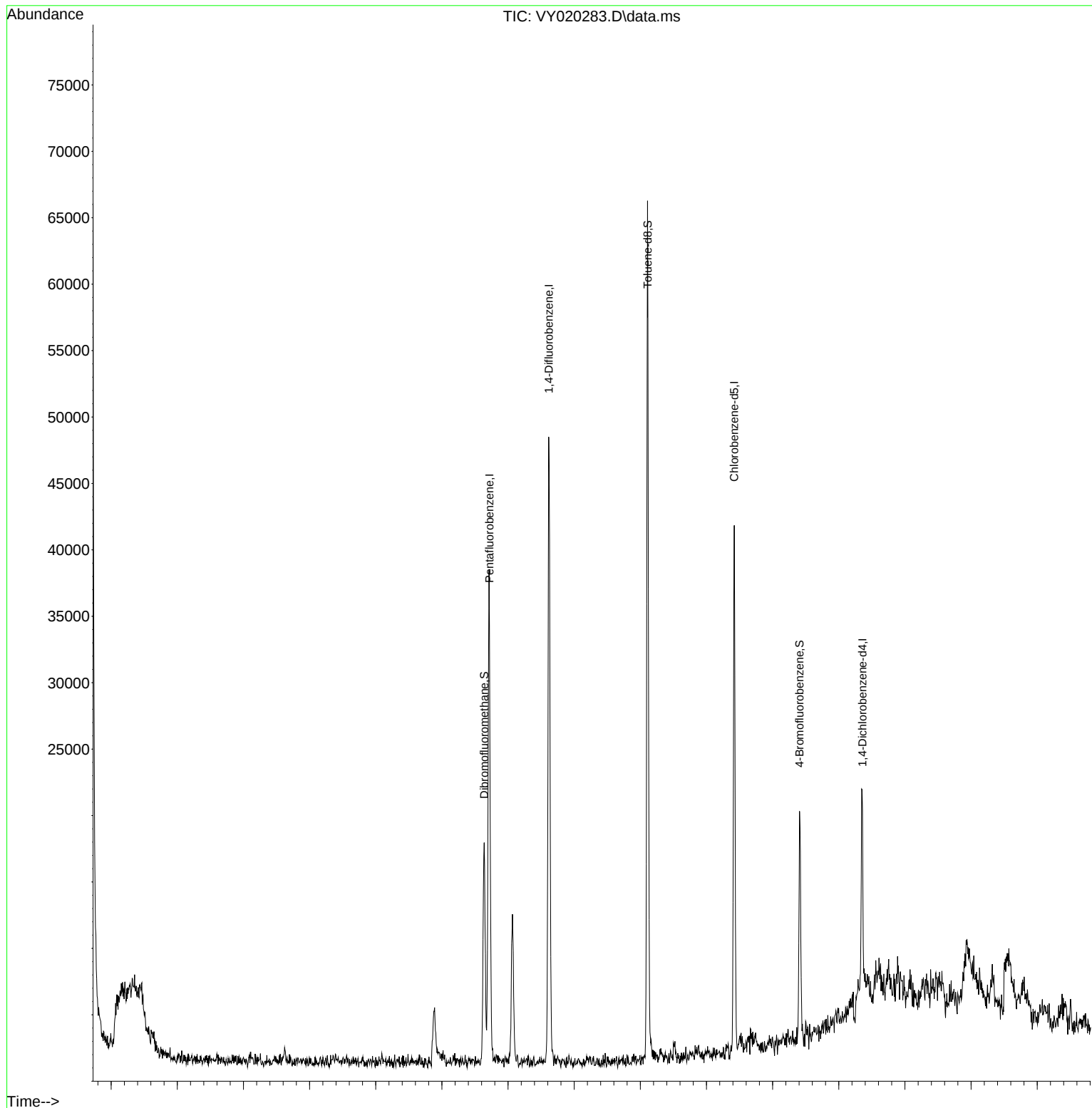
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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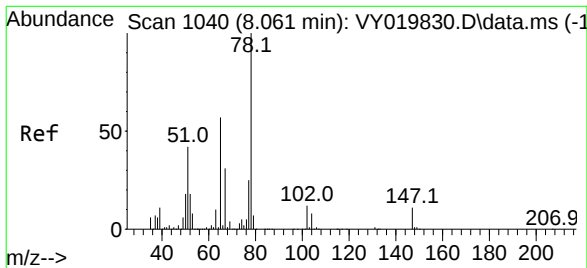
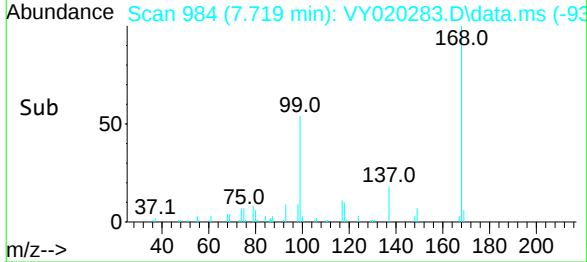
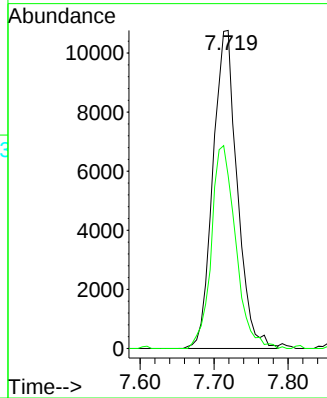
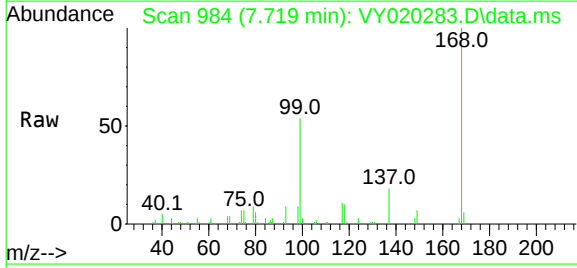




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.012 min
Lab File: VY020283.D
Acq: 13 Nov 2024 15:15

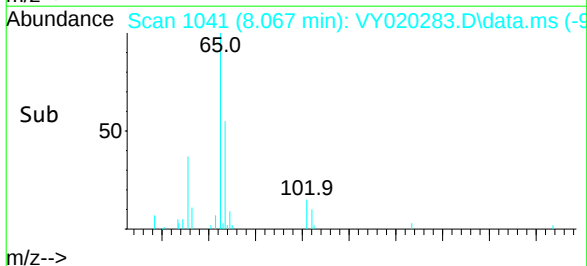
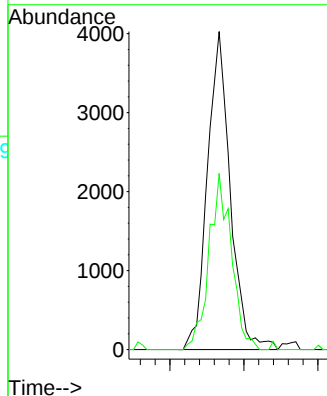
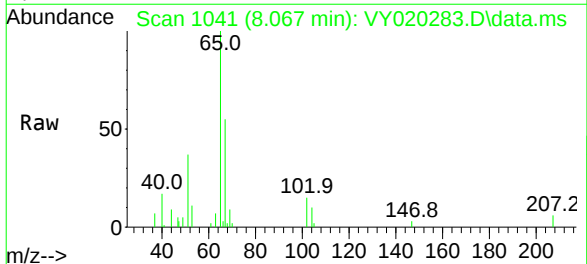
Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 168 Resp: 24523
Ion Ratio Lower Upper
168 100
99 54.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 28.174 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020283.D
Acq: 13 Nov 2024 15:15

Tgt Ion: 65 Resp: 8623
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

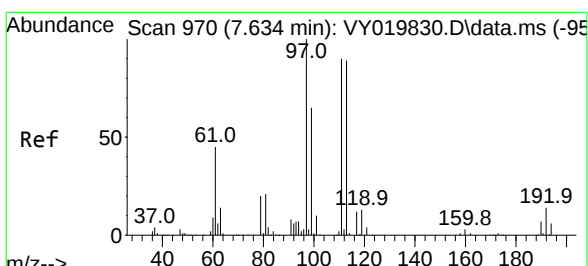
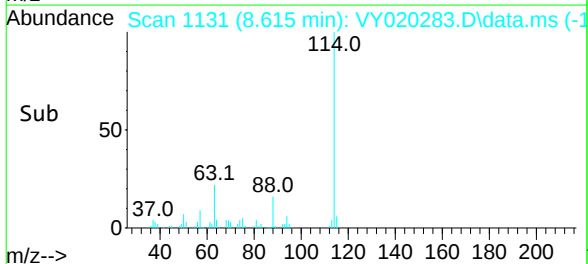
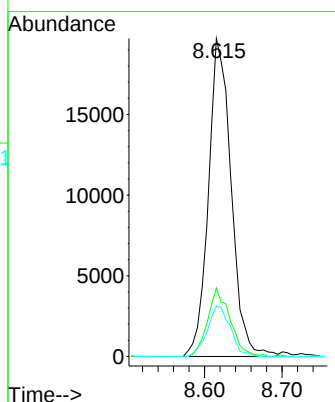
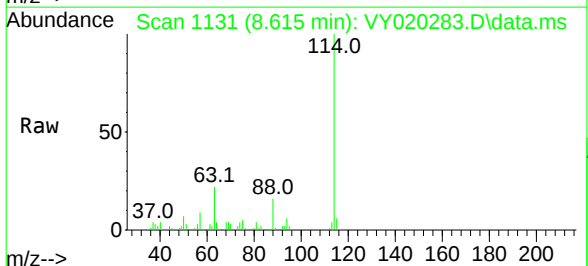




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY020283.D
 Acq: 13 Nov 2024 15:15

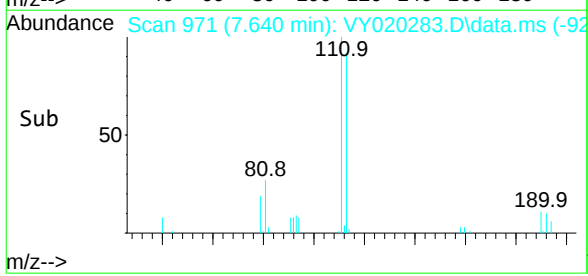
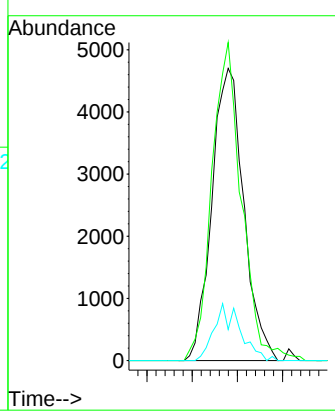
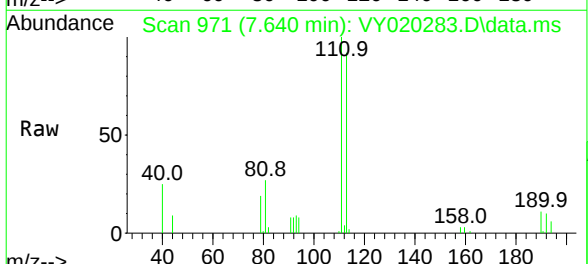
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

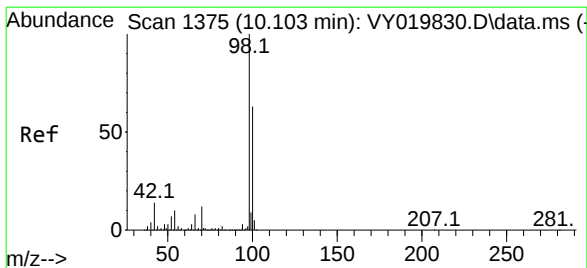
Tgt Ion:	114	Resp:	40171
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	35.0
88	15.9	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 45.023 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020283.D
 Acq: 13 Nov 2024 15:15

Tgt Ion:	113	Resp:	11499
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	15.9	15.9	23.9#





#50

Toluene-d8

Concen: 38.938 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY020283.D

Acq: 13 Nov 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :

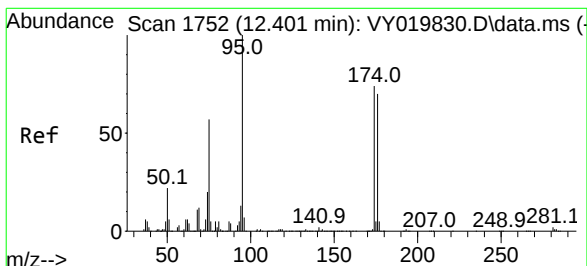
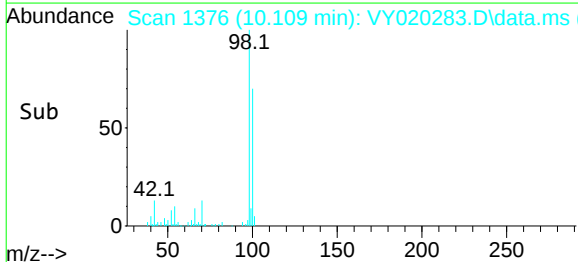
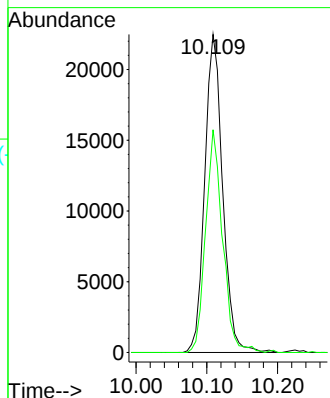
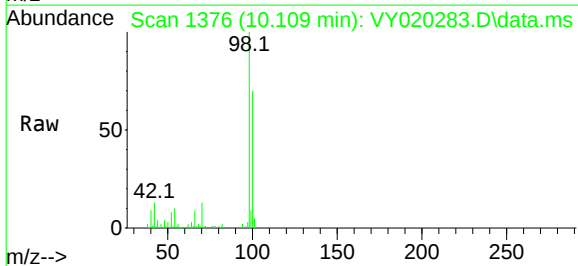
VOC

Tgt Ion: 98 Resp: 39586

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 18.779 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY020283.D

Acq: 13 Nov 2024 15:15

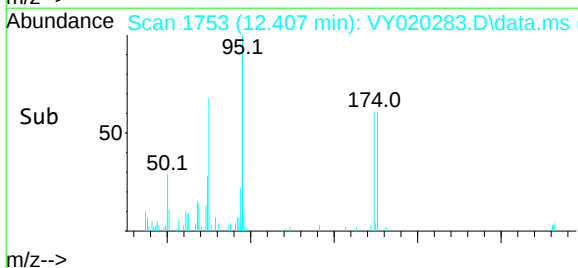
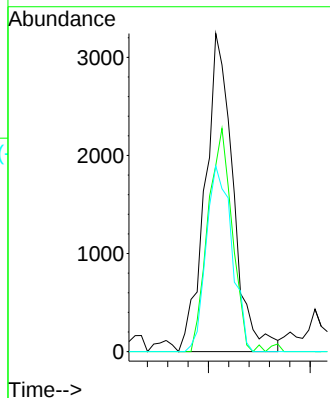
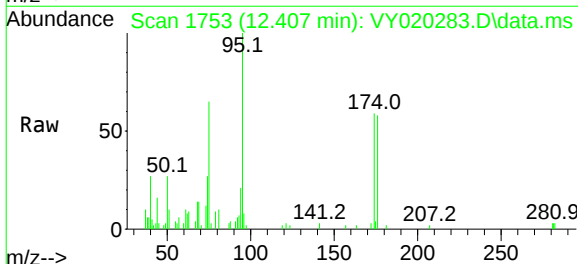
Tgt Ion: 95 Resp: 6201

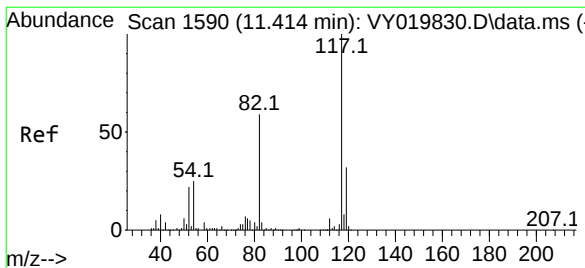
Ion Ratio Lower Upper

95 100

174 60.4 0.0 175.6

176 53.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.000 min

Lab File: VY020283.D

Acq: 13 Nov 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :

VOC

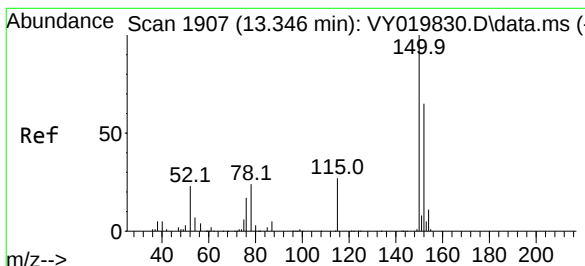
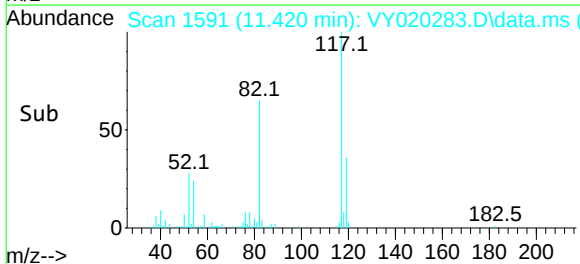
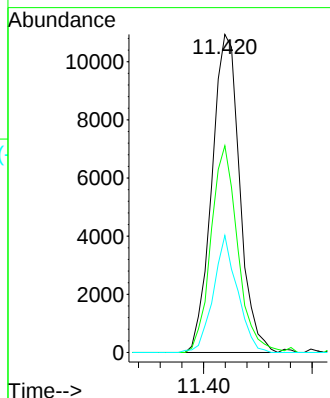
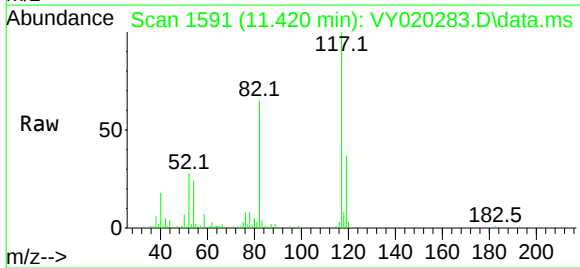
Tgt Ion:117 Resp: 19481

Ion Ratio Lower Upper

117 100

82 65.0 42.4 63.6#

119 36.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.012 min

Lab File: VY020283.D

Acq: 13 Nov 2024 15:15

Tgt Ion:152 Resp: 3557

Ion Ratio Lower Upper

152 100

115 76.7 28.2 84.7

150 166.5 0.0 345.6

